

# **Safety Data Sheet**

# prepared to UN GHS Revision 3

# 1. Identification of the Substance/Mixture and the Company/Undertaking

1.1 Product Identifier T-MTX40-00A Revision Date: 21/08/2024

Product Name: TREMGARD MTX - PART A

Supersedes Date: 16/08/2024

1.2 Relevant identified uses of the substance or mixture and uses

advised against

Advised against: others than recommended

1.3 Details of the supplier of the safety data sheet

Importer: Importer

Manufacturer: StonCor Africa (Pty.) Ltd.

8 Cresset Road

Midrand Industrial Park, Chloorkop

P.O. Box 2205 2001, Johannesburg

South Africa

Regulatory / Technical Information:

+27 11 254 5500

Datasheet Produced by: Muller, Riaan - ehs@stoncor.com

1.4 Emergency telephone number: CHEMTREC 1-800-424-9300 (Inside US)

CHEMTREC +1 703 5273887 (Outside ÚS)

Giftinformasjonen: +47 22 59 13 00

# 2. Hazard Identification

### 2.1 Classification of the substance or mixture

Carcinogenicity, category 1A Skin Sensitizer, category 1 STOT, single exposure, category 1

### 2.2 Label elements

### Symbol(s) of Product



### Signal Word

Danger

#### Named Chemicals on Label

quartz (silicon dioxide)

### **HAZARD STATEMENTS**

Skin Sensitizer, category 1

11017	may cauce an anergie entil reaction.
H350-1A	May cause cancer.
H370	Causes damage to organs.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/ face protection.
P284	Wear respiratory protection.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P307+311	IF exposed, call a POISON CENTER or doctor/physician.
P308+313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
	P201 P202 P260 P264 P280 P284 P302+352 P307+311 P308+313

May cause an allergic skin reaction.

If skin irritation or rash occurs: Get medical advice/attention.

### 2.3 Other hazards

No Information

### Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

P333+313

H317

# 3. Composition/Information On Ingredients

### 3.2 Mixtures

Hazardous ingredients

Name According to EECEINEC No.CAS-No.%Classificationsquartz (silicon dioxide)238-878-414808-60-750 - <75</td>H350-370Carc. 1A, STOT SE 1

CAS-No. M-Factors

14808-60-7

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

### 4. First-aid Measures

# 4.1 Description of First Aid Measures

GENERAL NOTES: No Information
AFTER INHALATION: No Information
AFTER SKIN CONTACT: No Information
AFTER EYE CONTACT: No Information
AFTER INGESTION: No Information

#### Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### 4.2 Most important symptoms and effects, both acute and delayed

No Information

#### 4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

# 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above.

### 5.2 Special hazards arising from the substance or mixture

No Information

### 5.3 Advice for firefighters

No Information

### Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

No Information

#### 6.2 Environmental precautions

No Information

### 6.3 Methods and material for containment and cleaning up

No Information

### 6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

# 7. Handling and Storage

### 7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING: No Information PROTECTION AND HYGIENE MEASURES: No Information

# 7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: No Information STORAGE CONDITIONS: No Information

7.3 Specific end use(s)

No specific advice for end use available.

# 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits

(EU)

Name CAS-No. LTEL ppm STEL mg/m3 LTEL mg/m3

quartz (silicon dioxide) 14808-60-7

Name CAS-No. OEL Note

quartz (silicon dioxide) 14808-60-7

FURTHER INFORMATION: Refer to the regulatory exposure limits for the workforce enforced in each country.

### 8.2 Exposure controls

**Personal Protection** 

**RESPIRATORY PROTECTION:** No Information

EYE PROTECTION: No Information HAND PROTECTION: No Information

OTHER PROTECTIVE EQUIPMENT: No Information ENGINEERING CONTROLS: No Information

# 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Viscous Liquid

Physical State Liquid
Odor Slight

Odor threshold Not determined

**pH** Alkaline

Melting point / freezing point (°C)

Not determined

N.D. - N.D.

No. - N.D.

Flash Point, (°C) N/A

Evaporation rate Slower than ether
Flammability (solid, gas) Not determined

Upper/lower flammability or explosive Not determined

limits

Vapour Pressure Not determined
Vapour density Heavier than air

Relative density 1.1

Solubility in / Miscibility with water Miscible

Partition coefficient: n-octanol/water

Auto-ignition temperature (°C)

Not determined

Decomposition temperature (°C)

Not determined

Viscosity

Not determined

Explosive properties

Not determined

Oxidising properties

Not determined

9.2 Other information

VOC Content g/l:

Not determined

Calculated grams of VOC per liter of coating product as applied. Specific Gravity (g/cm3) 1.240

# 10. Stability and Reactivity

### 10.1 Reactivity

No Information

### 10.2 Chemical stability

No Information

### 10.3 Possibility of hazardous reactions

No Information

### 10.4 Conditions to avoid

No Information

#### 10.5 Incompatible materials

No Information

### 10.6 Hazardous decomposition products

No Information

# 11. Toxicological Information

#### 11.1 Information on toxicological effects

**Acute Toxicity:** 

Oral LD50: No information available.

Inhalation LC50: No information available.

Irritation: No information available.

Corrosivity: No information available.

Sensitization: No information available.

Repeated dose toxicity: No information available.

Carcinogenicity: This product contains one or more carcinogenic substances. See hazard classification

and precautionary statements in Section 2 for further information.

Mutagenicity: No information available.

**Toxicity for reproduction:** No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No. Chemical Name Oral LD50 Dermal LD50 Vapor LC50 Gas LC50 Dust/Mist LC50

Data at the substance level is not

available.

### Additional Information:

This product may contain Quartz (silicon dioxide), which is listed by IARC as a known carcinogenic to humans (Group 1). This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

# 12. Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia):

IC50 72hr (Algae):

No information

No information

No information

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

**12.4 Mobility in soil:**No information

12.5 Results of PBT and vPvB

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

assessment:

12.6 Other adverse effects: No information

<u>CAS-No.</u> <u>Chemical Name</u> <u>EC50 48hr</u> <u>IC50 72hr</u> <u>LC50 96hr</u>

14808-60-7 quartz (silicon dioxide) No information No information

### 13. Disposal Considerations

### 13.1 WASTE TREATMENT METHODS: No Information

### 14. Transport Information

14.1 UN number Not applicable

14.2 UN proper shipping name Not regulated for transport according to U.S. DOT, ADR/RID, IMDG,

and IATA regulations.

Technical name

14.3 Transport hazard class(es)
Subsidiary shipping hazard

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user
EmS-No.:

Not applicable
Not applicable
Not applicable
Not applicable

14.7 Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC code

Not applicable

### 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

National Regulations:

Denmark Product Registration Number: Not available

Danish MAL Code:

Not available

Danish MAL Code - Mixture:

Not available

Sweden Product Registration Number: Not available

Norway Product Registration Number: Not available

WGK Class: Not available

### 15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

# 16. Other Information

### Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H350 May cause cancer.

H370 Causes damage to organs.

#### Reasons for revision

Substance and/or Product Properties Changed in Section(s): 09 - Physical and Chemical Properties

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

#### Acronym & Abbreviation Key:

CLP Classification, Labeling & Packaging Regulation

EC European Commission
EU European Union
US United States

CAS Chemical Abstract Service

EINECS European Inventory of Existing Chemical Substances

REACH Registration, Evaluation, Authorization of Chemicals Regulation

GHS Globally Harmonized System of Classification and Labeling of Chemicals

LTEL Long term exposure limit
STEL Short term exposure limit
OEL Occupational exposure limit

ppm Parts per million
mg/m3 Milligrams per cubic meter
TLV Threshold Limit Value

ACGIH American Conference of Governmental Industrial Hygienists

OSHA Occupational Safety & Health Administration

PEL Permissible Exposure Limits
VOC Volatile organic compounds

g/l Grams per liter
mg/kg Milligrams per kilogram

N/A Not applicable LD50 Lethal dose at 50%

LC50 Lethal concentration at 50%

EC50 Half maximal effective concentration

IC50 Half maximal inhibitory concentration
PBT Persistent bioaccumulative toxic chemical
vPvB Very persistent and very bioaccumulative

EEC European Economic Community

ADR International Transport of Dangerous Goods by Road RID International Transport of Dangerous Goods by Rail

UN United Nations

IMDG International Maritime Dangerous Goods Code
IATA International Air Transport Association

MARPOL International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978

IBC International Bulk Container
RTI Respiratory Tract Irritation

NE Narcotic Effects

IMO International Maritime Organization

Note P: The classification as a carcinogen or mutagen need not apply; the substance

contains less than 0,1 % w/w benzene

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in

powder form containing 1 % or more of titanium dioxide which is in the form of

or incorporated in particles with aerodynamic diameter  $\leq$  10  $\mu m$ .

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.



# Safety Data Sheet

# prepared to UN GHS Revision 3

# 1. Identification of the Substance/Mixture and the Company/Undertaking

1.1 Product Identifier T-MTX40-00B Revision Date: 21/08/2024

Product Name: TREMGARD MTX - PART B

Supersedes Date: New SDS

1.2 Relevant identified uses of the substance or mixture and uses

advised against

Advised against: others than recommended

1.3 Details of the supplier of the safety data sheet

Importer: Importer

Manufacturer: StonCor Africa (Pty.) Ltd.

8 Cresset Road

Midrand Industrial Park, Chloorkop

P.O. Box 2205 2001, Johannesburg

South Africa

Regulatory / Technical Information:

+27 11 254 5500

Datasheet Produced by: Muller, Riaan - ehs@stoncor.com

1.4 Emergency telephone number: CHEMTREC 1-800-424-9300 (Inside US)

CHEMTREC +1 703 5273887 (Outside US)

Giftinformasjonen: +47 22 59 13 00

# 2. Hazard Identification

### 2.1 Classification of the substance or mixture

This product is not classified as hazardous in accordance with the GHS classification criteria as adopted under national standards.

### 2.3 Other hazards

No Information

### Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

### 3. Composition/Information On Ingredients

# 3.1 Substances

Hazardous ingredients

Name According to EEC EINEC No. CAS-No. % Classifications

No hazardous items exist

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

### 4. First-aid Measures

#### 4.1 Description of First Aid Measures

GENERAL NOTES: No Information AFTER INHALATION: Move to fresh air.

**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off immediately with soap and plenty of water. **AFTER EYE CONTACT:** Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

### Self protection of the first aider:

Be aware the other materials in use may be classified as hazardous.

### 4.2 Most important symptoms and effects, both acute and delayed

No Information

### 4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

# 5. Fire-fighting Measures

### 5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above.

### 5.2 Special hazards arising from the substance or mixture

No Information

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. High volume water jet. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. None.

### Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment.

#### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

### 6.3 Methods and material for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

# 6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

### 7. Handling and Storage

### 7.1 Precautions for safe handling

**INSTRUCTIONS FOR SAFE HANDLING:** Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment.

PROTECTION AND HYGIENE MEASURES: Wash hands before breaks and at the end of workday. When using, do not eat,

drink or smoke.

### 7.2 Conditions for safe storage, including any incompatibilities

**CONDITIONS TO AVOID:** No Information

STORAGE CONDITIONS: Do not freeze. Keep containers tightly closed in a dry, cool and well-ventilated place.

#### 7.3 Specific end use(s)

No specific advice for end use available.

# 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

Ingredients with Occupational Exposure Limits

(EU)

Name CAS-No. LTEL ppm STEL mg/m3 LTEL mg/m3

No hazardous items exist

Name CAS-No. OEL Note

No hazardous items exist

FURTHER INFORMATION: Refer to the regulatory exposure limits for the workforce enforced in each country.

### 8.2 Exposure controls

**Personal Protection** 

RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment.

EYE PROTECTION: Safety glasses.

HAND PROTECTION: Protective gloves. Long sleeved clothing. Remove and wash contaminated clothing before re-use.

OTHER PROTECTIVE EQUIPMENT: No Information

ENGINEERING CONTROLS: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined

areas.

# 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Not determined

Physical State Liquid
Odor Low odor

Odor threshold Not determined

pH Not determined

Melting point / freezing point (°C) Not determined

Boiling point/range (°C) 180 - 180

Flash Point, (°C) N/A

Evaporation rate Not determined

Flammability (solid, gas) Not determined

Upper/lower flammability or explosive Not determined

limits

Vapour PressureNot determinedVapour densityNot determinedRelative densityNot determined

Solubility in / Miscibility with water Dispersible in water

Partition coefficient: n-octanol/water Not determined

Auto-ignition temperature (°C) Not determined

Decomposition temperature (°C) Not determined

Viscosity Not determined Explosive properties Not determined

Oxidising properties

Not determined

9.2 Other information

VOC Content g/l: Not determined

Calculated grams of VOC per liter of coating product as applied. Specific Gravity (g/cm3) 1.170

# 10. Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

#### 10.4 Conditions to avoid

No Information

### 10.5 Incompatible materials

No Information

### 10.6 Hazardous decomposition products

No Information

# 11. Toxicological Information

### 11.1 Information on toxicological effects

**Acute Toxicity:** 

Oral LD50: No information available.

Inhalation LC50: No information available.

Irritation: No information available.

Corrosivity: No information available.

Sensitization: No information available.

Repeated dose toxicity: No information available.

Carcinogenicity: This product contains one or more carcinogenic substances. See hazard classification

and precautionary statements in Section 2 for further information.

Mutagenicity: No information available.

**Toxicity for reproduction:** No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No. Chemical Name Oral LD50 Dermal LD50 Vapor LC50 Gas LC50 Dust/Mist LC50

Data at the substance level is not

available.

### Additional Information:

No Information

# 12. Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia):

IC50 72hr (Algae):

No information
No information
No information

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

12.4 Mobility in soil: No information

12.5 Results of PBT and vPvB

assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

# 13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

# 14. Transport Information

14.1 UN number Not applicable

14.2 UN proper shipping name Not regulated for transport according to U.S. DOT, ADR/RID, IMDG,

and IATA regulations.

Technical name

Not applicable

14.3 Transport hazard class(es)
Subsidiary shipping hazard

Not applicable

Not applicable

Packing group
Not applicable

14.5 Environmental hazards
Not applicable

14.6 Special precautions for user Not applicableEmS-No.: Not applicable

14.7 Transport in bulk according to Annex II of

MARPOL 73/78 and the IBC code

Not applicable

# 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

**National Regulations:** 

Denmark Product Registration Number: Not available

Danish MAL Code: Not available

Danish MAL Code - Mixture: Not available

Sweden Product Registration Number: Not available

Norway Product Registration Number: Not available

WGK Class: Not available

### 15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### Other Information

#### Reasons for revision

No Information

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

#### Acronym & Abbreviation Key:

Classification, Labeling & Packaging Regulation CLP EC European Commission European Union ΕU United States US CAS Chemical Abstract Service European Inventory of Existing Chemical Substances EINECS Registration, Evaluation, Authorization of Chemicals Regulation REACH Globally Harmonized System of Classification and Labeling of Chemicals GHS Long term exposure limit LTEL Short term exposure limit STEL Occupational exposure limit OEL Parts per million ppmMilligrams per cubic meter mg/m3 Threshold Limit Value TLVACGIH American Conference of Governmental Industrial Hygienists OSHA Occupational Safety & Health Administration PEL Permissible Exposure Limits VOC Volatile organic compounds g/l Grams per liter mg/kg Milligrams per kilogram N/A Not applicable LD50 Lethal dose at 50% LC50 Lethal concentration at 50% EC50 Half maximal effective concentration Half maximal inhibitory concentration IC50 PBT Persistent bioaccumulative toxic chemical vPvB Very persistent and very bioaccumulative

EEC European Economic Community

ADR International Transport of Dangerous Goods by Road
RID International Transport of Dangerous Goods by Rail

UN United Nations

IMDG International Maritime Dangerous Goods Code
IATA International Air Transport Association

MARPOL International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978

IBC International Bulk Container
RTI Respiratory Tract Irritation

NE Narcotic Effects

IMO International Maritime Organization

Note P: The classification as a carcinogen or mutagen need not apply; the substance

contains less than 0,1 % w/w benzene

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in

powder form containing 1 % or more of titanium dioxide which is in the form of

or incorporated in particles with aerodynamic diameter  $\leq$  10  $\mu m$ .

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.